

FIG. 1
PRIOR ART

FIG. 1 is a block diagram of a prior art system. FIG. 2 is a block diagram of a cache structure. FIG. 3 is a block diagram of a cache structure. FIG. 4 is a block diagram of a cache structure. FIG. 5 is a block diagram of a cache structure. FIG. 6 is a block diagram of a cache structure. FIG. 7 is a block diagram of a cache structure. FIG. 8 is a block diagram of a cache structure. FIG. 9 is a block diagram of a cache structure. FIG. 10 is a block diagram of a cache structure. FIG. 11 is a block diagram of a cache structure. FIG. 12 is a block diagram of a cache structure. FIG. 13 is a block diagram of a cache structure. FIG. 14 is a block diagram of a cache structure. FIG. 15 is a block diagram of a cache structure. FIG. 16 is a block diagram of a cache structure. FIG. 17 is a block diagram of a cache structure. FIG. 18 is a block diagram of a cache structure. FIG. 19 is a block diagram of a cache structure. FIG. 20 is a block diagram of a cache structure. FIG. 21 is a block diagram of a cache structure. FIG. 22 is a block diagram of a cache structure. FIG. 23 is a block diagram of a cache structure. FIG. 24 is a block diagram of a cache structure. FIG. 25 is a block diagram of a cache structure. FIG. 26 is a block diagram of a cache structure. FIG. 27 is a block diagram of a cache structure. FIG. 28 is a block diagram of a cache structure. FIG. 29 is a block diagram of a cache structure. FIG. 30 is a block diagram of a cache structure. FIG. 31 is a block diagram of a cache structure. FIG. 32 is a block diagram of a cache structure. FIG. 33 is a block diagram of a cache structure. FIG. 34 is a block diagram of a cache structure. FIG. 35 is a block diagram of a cache structure. FIG. 36 is a block diagram of a cache structure. FIG. 37 is a block diagram of a cache structure. FIG. 38 is a block diagram of a cache structure. FIG. 39 is a block diagram of a cache structure. FIG. 40 is a block diagram of a cache structure. FIG. 41 is a block diagram of a cache structure. FIG. 42 is a block diagram of a cache structure. FIG. 43 is a block diagram of a cache structure. FIG. 44 is a block diagram of a cache structure. FIG. 45 is a block diagram of a cache structure. FIG. 46 is a block diagram of a cache structure. FIG. 47 is a block diagram of a cache structure. FIG. 48 is a block diagram of a cache structure. FIG. 49 is a block diagram of a cache structure. FIG. 50 is a block diagram of a cache structure. FIG. 51 is a block diagram of a cache structure. FIG. 52 is a block diagram of a cache structure. FIG. 53 is a block diagram of a cache structure. FIG. 54 is a block diagram of a cache structure. FIG. 55 is a block diagram of a cache structure. FIG. 56 is a block diagram of a cache structure. FIG. 57 is a block diagram of a cache structure. FIG. 58 is a block diagram of a cache structure. FIG. 59 is a block diagram of a cache structure. FIG. 60 is a block diagram of a cache structure. FIG. 61 is a block diagram of a cache structure. FIG. 62 is a block diagram of a cache structure. FIG. 63 is a block diagram of a cache structure. FIG. 64 is a block diagram of a cache structure. FIG. 65 is a block diagram of a cache structure. FIG. 66 is a block diagram of a cache structure. FIG. 67 is a block diagram of a cache structure. FIG. 68 is a block diagram of a cache structure. FIG. 69 is a block diagram of a cache structure. FIG. 70 is a block diagram of a cache structure. FIG. 71 is a block diagram of a cache structure. FIG. 72 is a block diagram of a cache structure. FIG. 73 is a block diagram of a cache structure. FIG. 74 is a block diagram of a cache structure. FIG. 75 is a block diagram of a cache structure. FIG. 76 is a block diagram of a cache structure. FIG. 77 is a block diagram of a cache structure. FIG. 78 is a block diagram of a cache structure. FIG. 79 is a block diagram of a cache structure. FIG. 80 is a block diagram of a cache structure. FIG. 81 is a block diagram of a cache structure. FIG. 82 is a block diagram of a cache structure. FIG. 83 is a block diagram of a cache structure. FIG. 84 is a block diagram of a cache structure. FIG. 85 is a block diagram of a cache structure. FIG. 86 is a block diagram of a cache structure. FIG. 87 is a block diagram of a cache structure. FIG. 88 is a block diagram of a cache structure. FIG. 89 is a block diagram of a cache structure. FIG. 90 is a block diagram of a cache structure. FIG. 91 is a block diagram of a cache structure. FIG. 92 is a block diagram of a cache structure. FIG. 93 is a block diagram of a cache structure. FIG. 94 is a block diagram of a cache structure. FIG. 95 is a block diagram of a cache structure. FIG. 96 is a block diagram of a cache structure. FIG. 97 is a block diagram of a cache structure. FIG. 98 is a block diagram of a cache structure. FIG. 99 is a block diagram of a cache structure. FIG. 100 is a block diagram of a cache structure.

120

CACHE LINE N UMBER	TAG	DATA	VALID BIT
0			
1			
2			
C-1			

K WORDS

FIG. 2
PRIOR ART

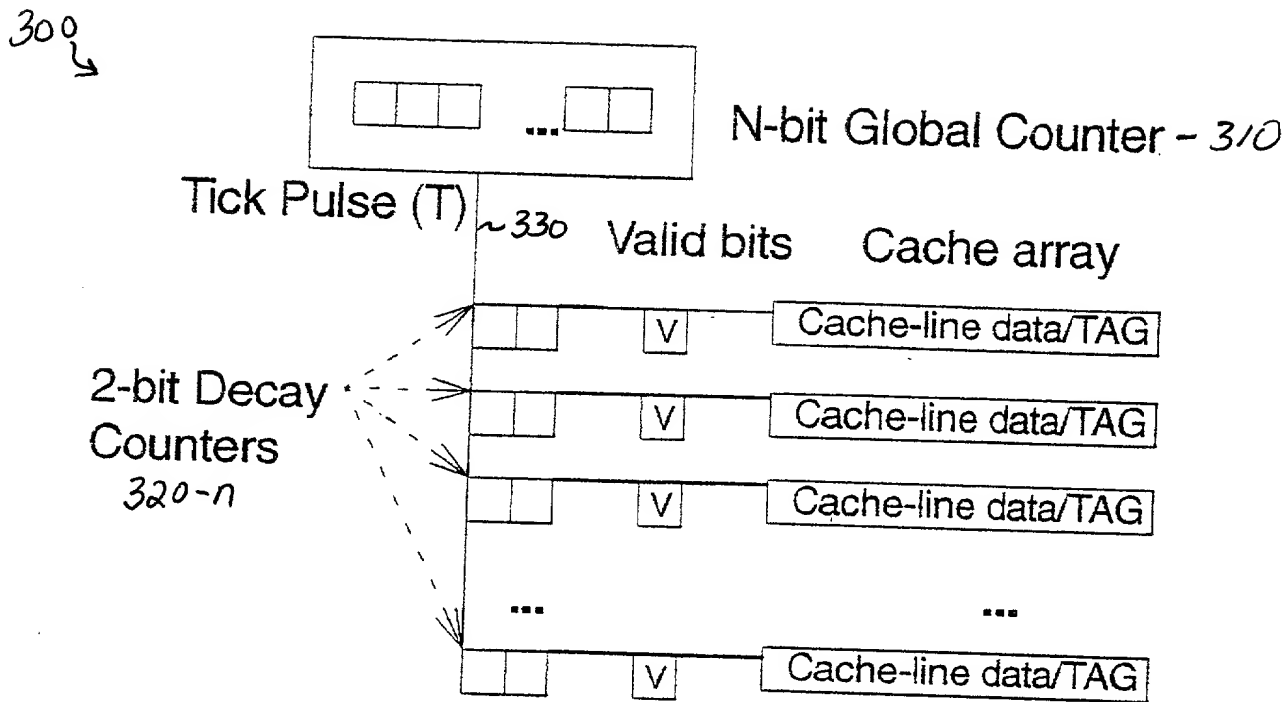


FIG. 3

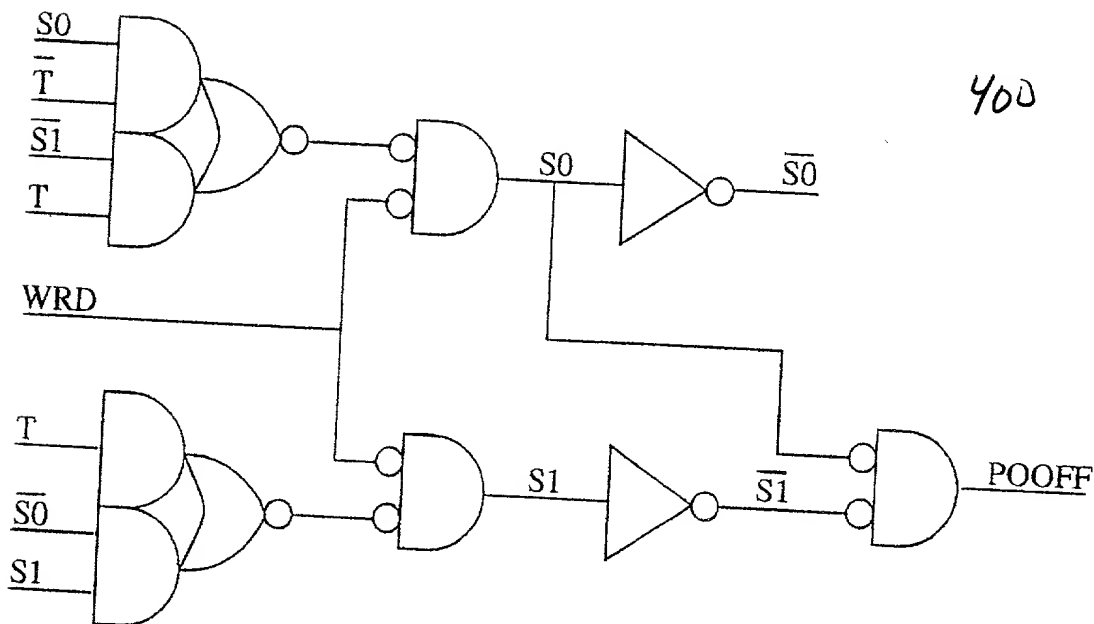


FIG. 4

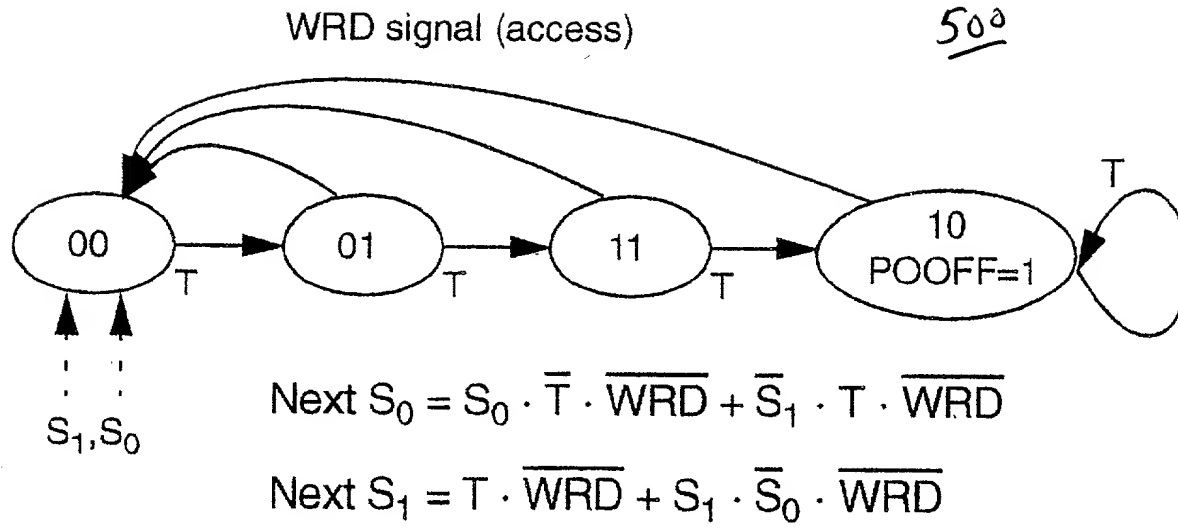


FIG. 5

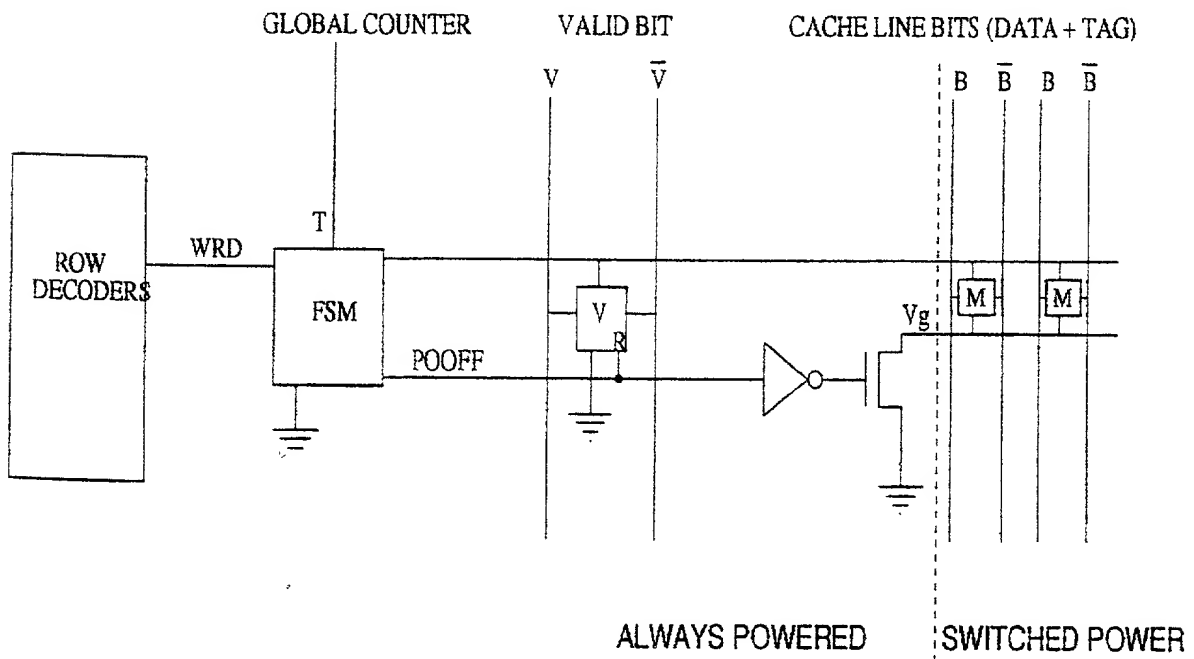


FIG. 6

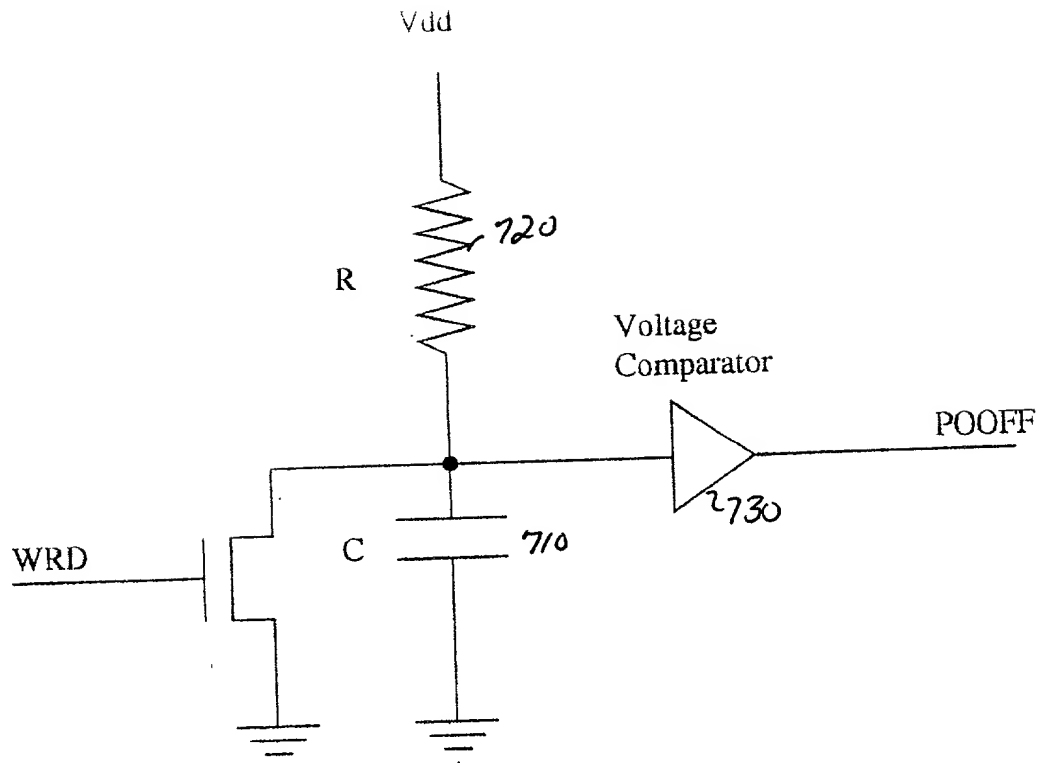


FIG. 7

800 ↘

CACHE LINE NUMBER	TAG	DATA	VALID BIT	DIRTY BIT
0				
1				
2				
C-1				

K WORDS

FIG. 8

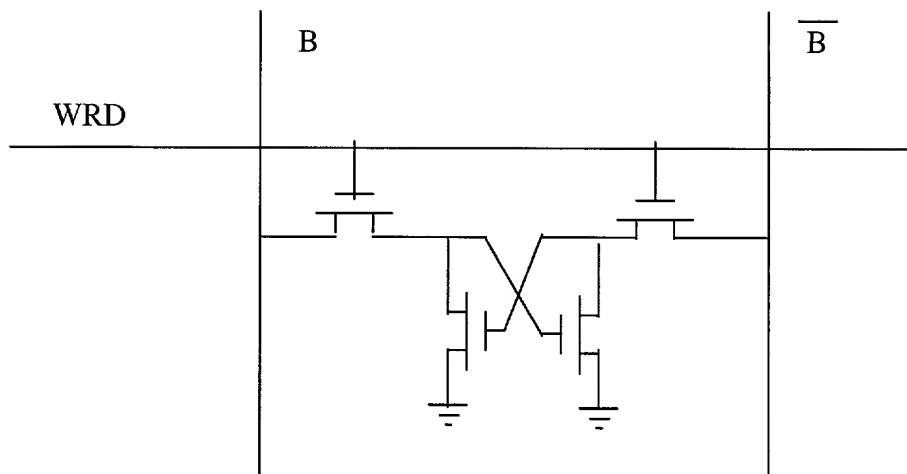


FIG. 9

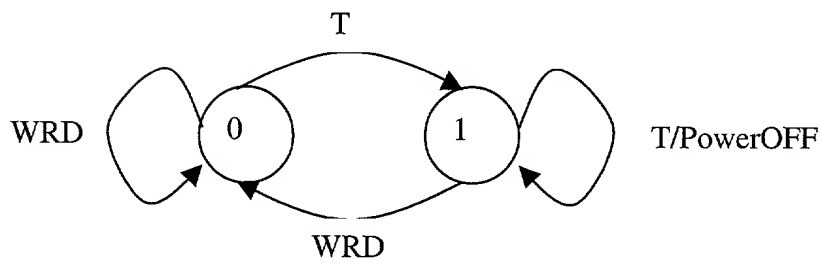


FIG. 10